

PATENT ABSTRACTS OF JAPAN

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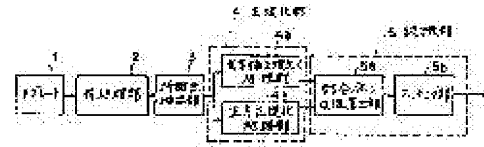
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(54) CHARACTER RECOGNIZING SYSTEM

(57)Abstract:

PURPOSE: To reflect a feature of inclination even in case of character normalization where the coordinate value of a partial pattern is divided by the character width to normalize the partial pattern, by subjecting the partial pattern of an approximately vertical or horizontal line to square normalization.

CONSTITUTION: For example, KANJI (Chinese character) 'in' is divided, and a partial pattern Q is calculated by character width normalization with respect to KANJI 'in'. The partial pattern Q is calculated in a square normalization part 4b and a partial pattern Q value calculating part 5a by square normalization with respect to a right-hand radical 'verbar'. The distance of the partial pattern Q value is calculated by matching between resultant partial pattern Q values and partial pattern Q values of registered patterns in a matching part 5b and is defined as the distance of KANJI 'in'. Thus, the partial pattern Q value approximates that of a registered pattern even if the right-hand radical 'verbar' is subtly inclined in either direction.



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